

MAR 11 2004

THE UNITED STATES PATENT AND TRADEMARK OFFICE  
TRANSMITTAL LETTER

In re Application of:  
Stanley B. MIRVISS et al.

Int'l Application No.: PCT/US99/31246

Int'l Filing Date: December 30, 1999

Priority Date: December 31, 1998

Serial No.: 09/869,931

For: CATIONIC GEMINI AND RELATED  
MULTIPLE HYDROPHILIC/HYDROPHOBIC  
FUNCTIONAL COMPOUNDS AND THEIR USE  
AS SURFACTANTS

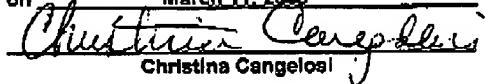
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket: ACR6100US

Examiner: Taylor V. OH

Group Art Unit: 1625

CERTIFICATE OF FACSIMILE TRANSMISSION  
It is hereby certified that the attached: Response to  
Office Action; ( 4 sheets) is being faxed to  
703-872-9306 to the Commissioner for Patents

on March 11, 2005  
Christina Cangelosi

Sir:

Transmitted herewith is a responsive document(s) for this application.

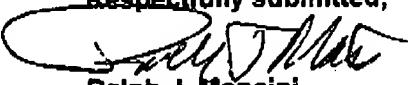
**TRANSMITTAL LETTER IN DUPLICATE; RESPONSE TO RESTRICTION  
REQUIREMENT AND CERTIFICATE OF FACSIMILE**

Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:

One Month (\$120.00)       Two Months (\$ 450.00)  
 Three Months (\$1020.00)       Four Months (\$1590.00)

The total fee believed due is \$ 120.00. Please charge this amount and any other fees,  
which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37 CFR  
1.17) to Deposit Account No. 01-1350. If an extension of time is required but has not been  
requested above, Applicant hereby petitions for an extension of time sufficient for the  
attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Ralph J. Mancini  
Attorney for Applicant(s)

Reg. No. 34,054

Akzo Nobel Inc.  
Intellectual Property Department  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
Tel No.: (914) 674-5465

RECEIVED  
CENTRAL FAX CENTER

MAR 11 2004

THE UNITED STATES PATENT AND TRADEMARK OFFICE  
TRANSMITTAL LETTER

In re Application of:  
Stanley B. MIRVISS et al.

Int'l Application No.: PCT/US99/31246

Int'l Filing Date: December 30, 1999

Priority Date: December 31, 1998

Serial No.: 09/869,931

For: CATIONIC GEMINI AND RELATED  
MULTIPLE HYDROPHILIC/HYDROPHOBIC  
FUNCTIONAL COMPOUNDS AND THEIR USE  
AS SURFACTANTS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a responsive document(s) for this application.

**[ ] TRANSMITTAL LETTER IN DUPLICATE; RESPONSE TO RESTRICTION  
REQUIREMENT AND CERTIFICATE OF FACSIMILE**

Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:

One Month (\$120.00)  Two Months (\$ 450.00)

Three Months (\$1020.00)  Four Months (\$1590.00)

The total fee believed due is \$ 120.00 . Please charge this amount and any other fees, which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37 CFR 1.17) to Deposit Account No. 01-1360. If an extension of time is required but has not been requested above, Applicant hereby petitions for an extension of time sufficient for the attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Ralph J. Mancini  
Attorney for Applicant(s)  
Reg. No. 34,054

Akzo Nobel Inc.  
Intellectual Property Department  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
Tel No.: (914) 674-5465

RECEIVED  
CENTRAL FAX CENTER

MAR 11 2004

**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Stanley B. MIRVISS et al.

Int'l Application No.: PCT/US99/31246  
Int'l Filing Date: December 30, 1999  
Priority Date: December 31, 1998  
Serial No.: 09/869,931

For: CATIONIC GEMINI AND RELATED  
MULTIPLE HYDROPHILIC/HYDROPHOBIC  
FUNCTIONAL COMPOUNDS AND THEIR USE  
AS SURFACTANTS

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

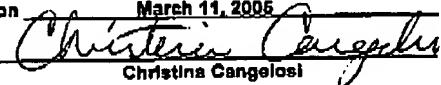
Docket: ACR6100US

Examiner: Taylor V. OH

Group Art Unit: 1625

**CERTIFICATE OF FACSIMILE TRANSMISSION**  
It is hereby certified that the attached; Response to  
Office Action; ( 4 sheets) is being faxed to  
703-372-9306 to the Commissioner for Patents

on March 11, 2005

  
Christina Cangelosi

**RESTRICTION RESPONSE**

Sir:

In response to the Requirement for Restriction mailed February 10, 2005, applicants hereby elect, with traverse, to prosecute Group I, claims 1-5, 7-16, 19-21 and 25-28 on the merits. However, the examiner is respectfully requested to reconsider the restriction requirement in view of the following remarks.

**Remarks**

In the office action mailed February 10, 2005, the examiner required applicants to restrict the invention to one of the following groups:

*Group I, claims 1-5, 7-16, 19-21 and 25-28, drawn to a process for preparing multifunctional quaternary ammonium compounds and the multiple functional hydrophilic/hydrophobic compounds obtained from the reaction of an amine and a dicarboxylic acid; and*

*Group II, claims 6, 17-18, 22-24 and 29-32 drawn to a viscosity modifying agent, an ore flotation aid and a surfactant composition.*

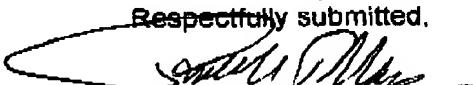
In response to the restriction requirement applicants elect, with traverse, to prosecute the invention of Group I, claims 1-5, 7-16, 19-21 and 25-28 on the merits. Applicants respectfully submit, however, that the restriction requirement be reconsidered in view of the following comments.

The examiner is respectfully directed to 37 C.F.R. 1.475 subsection c., which states that claims to different categories of invention will be considered to have unity of invention if the claims are drawn only to one of the following categories:....

"c. A product, a process specially adapted for the manufacture of said product, and use of said product...."

Since Group I contain claims directed to the product and process specially adapted to making said product; and since Group II claims relate to the uses of the products of Group I, applicants respectfully submit that unity of invention is satisfied pursuant to 37 C.F.R. 1.475 subsection c. In view of the foregoing, applicants respectfully submit that the present restriction requirement is improper; reconsideration and withdrawal thereof is respectfully requested, along with an action on the merits on all of the pending claims.

Respectfully submitted,



Ralph J. Mancini  
Attorney for Applicants  
Registration No. 34,054

Akzo Nobel Inc.  
Intellectual Property Dept.  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
(914) 674-5465